

METHODS AND APPARATUS FOR PERFORMING A COMPUTED TOMOGRAPHY SCAN

Abstract of Disclosure

A computed tomographic (CT) imaging system for performing a CT scan includes a detector array including a plurality of detector cells and a processor operationally coupled to the detector array. The processor is configured to receive first data regarding a first x-ray spectral range from a first detector cell, receive second data regarding a second x-ray spectral range different from the first x-ray spectral range from a second detector cell different from the first detector cell, and determine spectral information from the first data and the second data.